

CSWC Operational Period Summary

0600 April 3 2015 to 1800 April 3 2015



LAFD Copter Crew Hoists Injured Hiker to Safety from O'Melveny Park in Granada Hills in Los Angeles on 2/21/15

Photo Credit: Greg Doyle / Flickr

Note: [Report changes/updates are in blue](#)



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SITUATION SUMMARY

Series of Modest Earthquakes at Shasta

Per the USGS California Volcano Observatory, there has been a modest (very modest) uptick in seismicity at Mount Shasta. Since February 19, a series of small earthquakes have been occurring approximately 8 km southeast of the summit of the volcano, near the Clear Creek Trailhead. The events are on a regional, unnamed fault at depths of about 5-8km. To date, twenty events at, or above, magnitude M1.0 have been recorded, the largest of which, a M2.1 occurred on April 1. A single M1.1 earthquake was also recorded beneath the summit of the volcano on March 17 at 2km depth. The current earthquake series poses no immediate hazard, but it is notable given the low background seismicity typical of Mount Shasta. The number of earthquakes per year usually tally to about ten events, with most concentrated 8 to 16 km southeastward of the summit. In the event the situation escalates you will receive additional information from the Earthquake/Tsunami/Volcano Duty Officer (Mark Johnson this week.)

Cal EOC Incident – 2014 Drought

- SOC / Inland REOC remains activated in support of 2014 Drought
- A Proclamation continuance was received from Sutter County.

Weather of Concern

- An active weather pattern could begin as early as Saturday night, lasting through Wednesday, bringing light to moderate rain, gusty winds and lower elevation snow for most of California.
- Potential Impacts for Northern California:
 - Sharp rapid rises on the main stem rivers though expected to remain below flood stage
 - Tributary creeks and small rivers will have rapid moderate rises
 - Flooding can be expected in low-lying areas and areas with poor drainage. This is mainly Monday afternoon through Tuesday morning
 - Rock and mudslides along highways and county roads in mountainous terrain are possible
 - Snow levels down to around 2500 feet possible Saturday through Sunday and 3000/4000 feet Tuesday and Wednesday
- Potential Impacts for Southern California
 - Strong winds for ridges, passes, desert slopes and deserts Saturday through Tuesday
 - Rain and snow showers Tuesday and Wednesday over and West of the mountains
 - Snow levels at 5000 to 6000 feet
 - Red Flag Warning in effect from late Saturday afternoon to Sunday afternoon for the Sierra and Owens Valley of Inyo and Tulare Counties.

Active Weather Warnings, Watches and Advisories by County: http://www.wrh.noaa.gov/sto/brief/wwa_bc_cal.php



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WEATHER

Weather Report - Northern Region

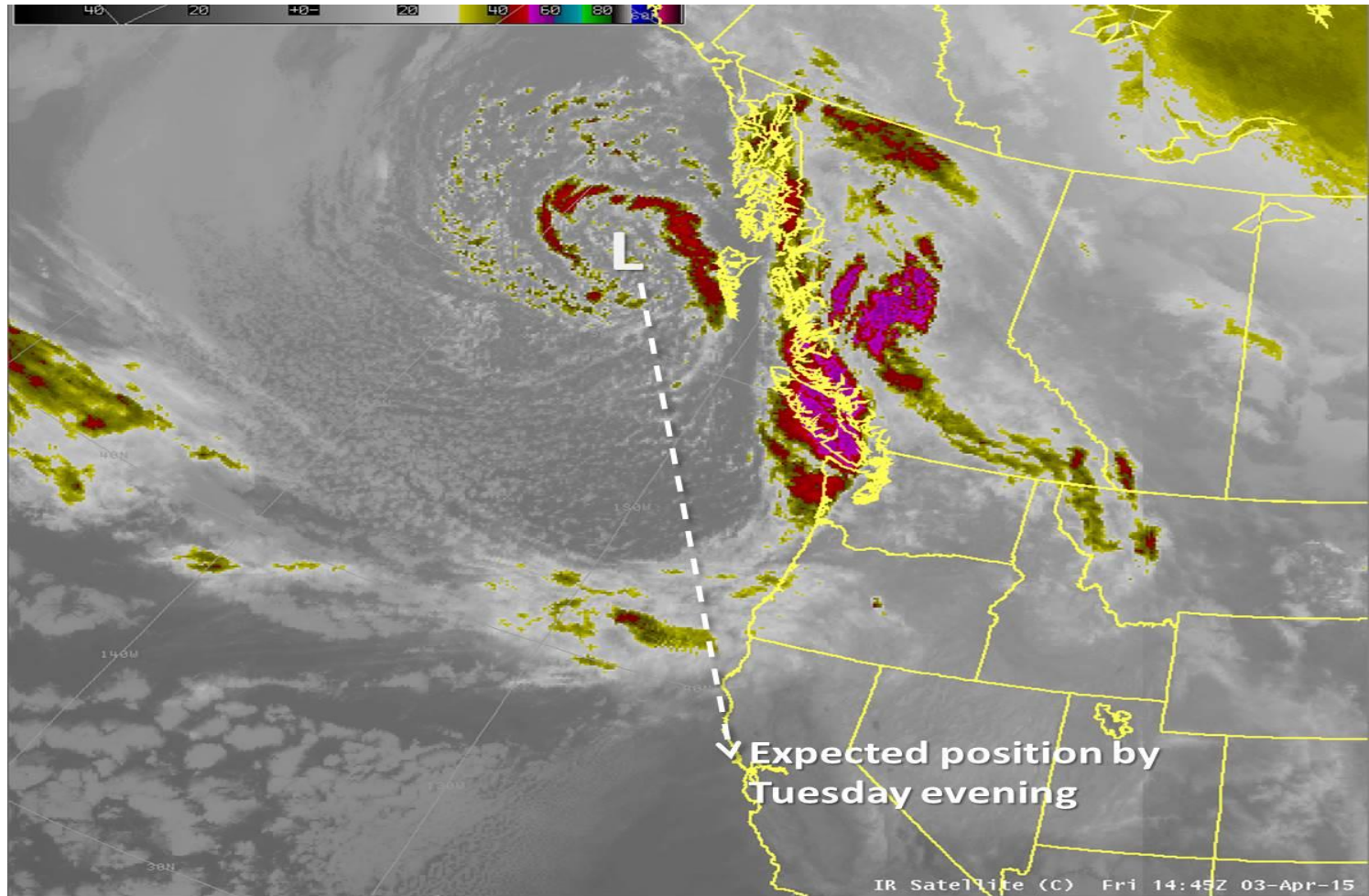
Some significant weather changes expected over the next few days. High Pressure over the region is weakening in response to a strong Gulf of Alaska storm system that is slowly approaching from the north. Any northeast winds early today will shift to the south and west (onshore) this afternoon and could get quite gusty in eastern areas. It will begin to cool down significantly this weekend and the first wave of precipitation should move onshore late Saturday night along the coast, spreading over most of the region Sunday with light to moderate precipitation and unusually low snow levels, 2000-3000 feet. We will remain in a stormy pattern early next week with another low dropping down from the north, and another period of widespread light to moderate precipitation with snow levels near 4000 feet. By the middle of next week most areas could see anywhere from 0.25-0.50 inches. The Bay Area and northeast California could see between 0.50-1.50 inches with locally higher amounts in northwest California. Snowfall could be significant in much of the higher terrain, with 6-12 inches above 4000 feet and even a few inches down as low as 2000 feet in the far north.

Weather Report - Southern Region

A light offshore pressure gradient will lead to warmer and drier conditions today. Winds will increase somewhat later this morning. East and northeast winds will generally be in the 15-25 mph range in some of the breezier passes and canyons of Southern California. The offshore winds should decrease by early afternoon before ending altogether by the late afternoon and evening. High temperatures will be 5-10 degrees warmer over most areas with afternoon temperatures ranging from the 60s in the mountains above 6,000 feet to the upper 80s and lower 90s across Southern California. Minimum relative humidity will drop into the 7-10 percent range over many areas below 4,000 feet by late morning into the early afternoon. This weekend into early next week, a pair of troughs will bring much cooler and more humid weather to the region. The first trough is expected to arrive Sunday which may bring some light rain to Monterey County and the Sierras north of Fresno County. It will turn windy in the deserts, Sierras, the Inyo National Forest and the western side of the Owens Valley Sunday into early Monday where west winds of 20-30 mph with gusts to 50 mph will be possible. Drying, down sloping winds may lead to minimum relative humidity dropping into the teens from the eastern flank of the Sierra Crest into the western Owens Valley on Sunday. Temperatures should cool 5 degrees each day through Sunday with much higher daytime relative humidity expected. A second front will approach Northern California on Monday. This second trough is expected to be much stronger and will likely bring significant rain to the northern half of the state Monday and Tuesday. The rain should reach Central California Monday night with widespread rain likely across areas north of Point Conception during the day Tuesday. An inch of rain looks possible along the central coast and the Sierra foothills from this second storm. The snow level may drop to 5,000 feet by Tuesday afternoon. Some light rain may reach Southern California Tuesday night into Wednesday with a quarter inch possible from Santa Barbara to western Los Angeles County. Temperatures will be a few degrees below normal Tuesday and Wednesday before drier and warmer weather returns toward the end of next week.

WEATHER

Northern Region



WEATHER

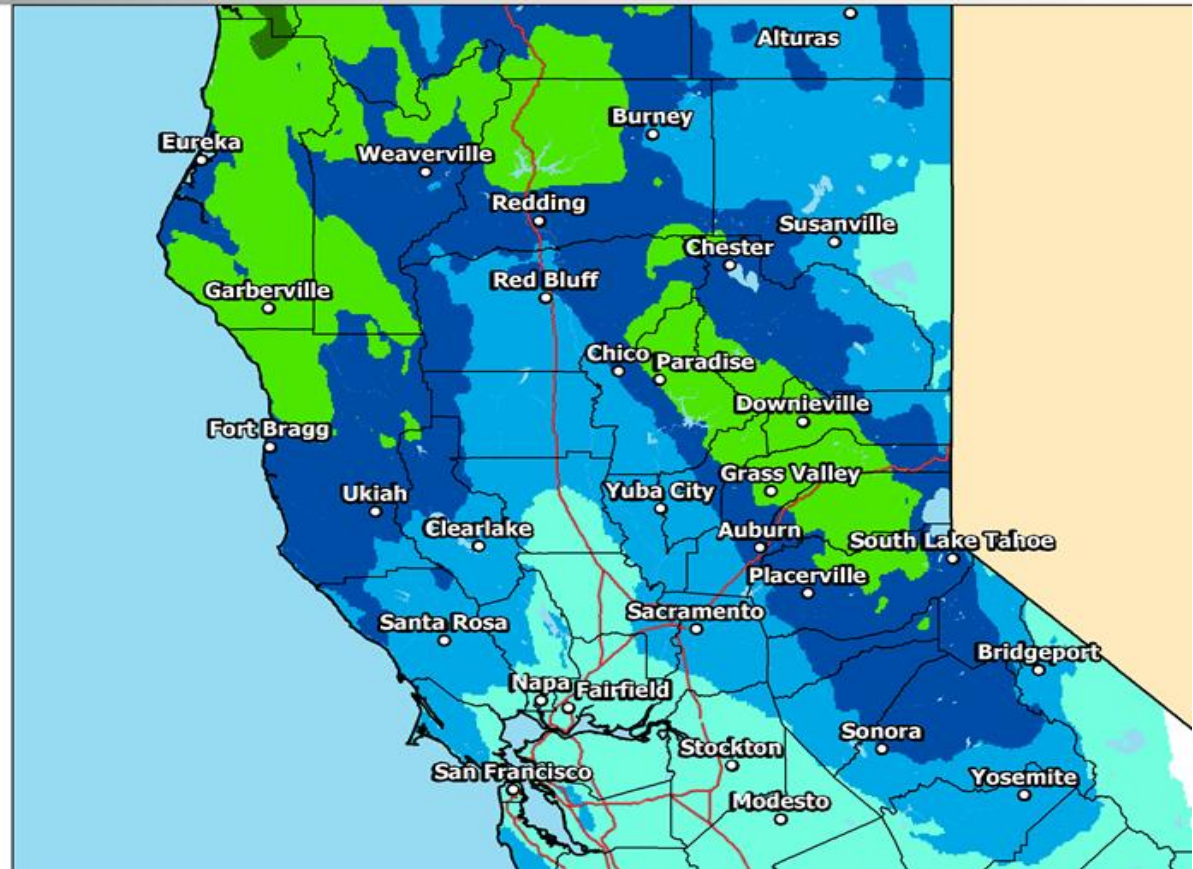
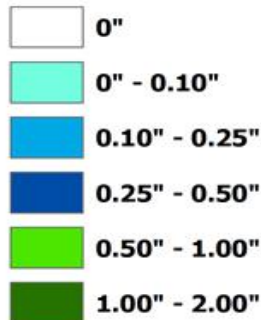
Northern Region



Precipitation Forecast

Sunday Storm Total Liquid Precipitation

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Data Source:
IFPS/GFE

Graphic Created:
12:27 PM 04/03/15



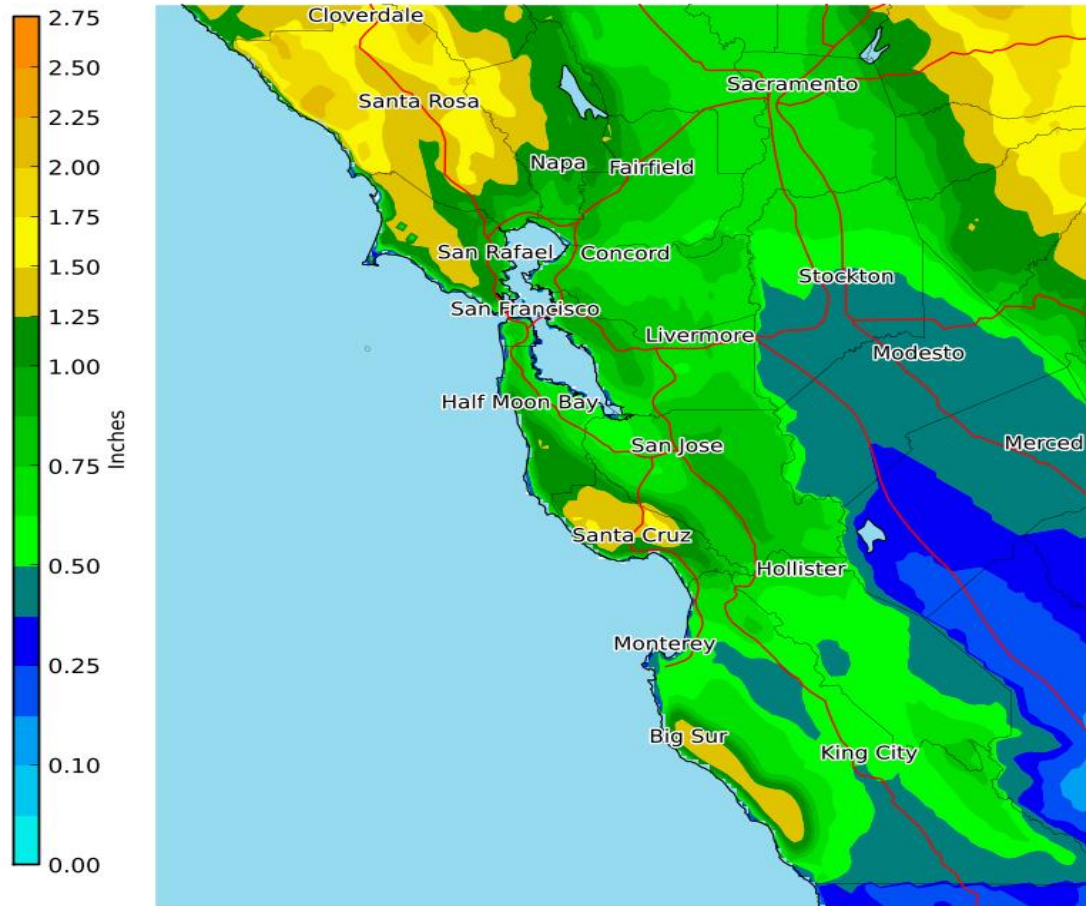
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WEATHER

Northern Region

Storm Total Rain (Sat Night - Wed Morning)

Valid: 04/04/2015 05:00 PM - 04/08/2015 05:00 AM PDT



National Weather Service
San Francisco Bay Area

04/03/2015 12:54 PM PDT

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WEATHER

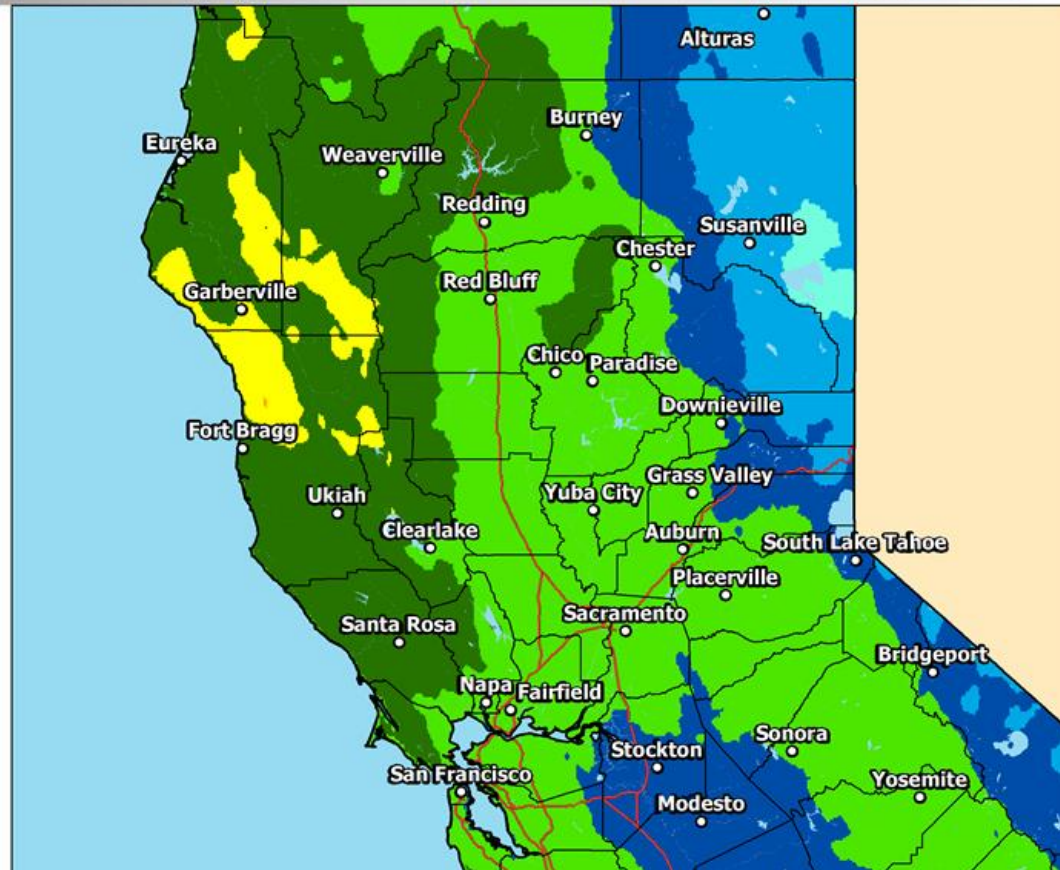
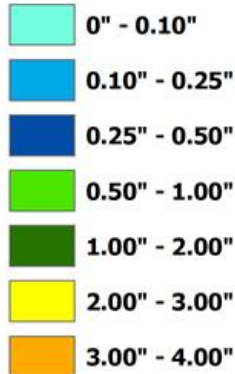
Northern Region



Precipitation Forecast

Monday-Tuesday Total Precipitation

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Data Source:
IFPS/GFE

Graphic Created:
01:16 PM 04/03/15



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WEATHER

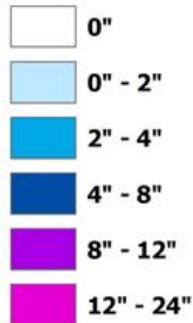
Northern Region



Snow Forecast

Sunday Forecast Snow Totals

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Data Source:
IFPS/GFE

Graphic Created:
12:25 PM 04/03/15



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WEATHER

Southern Region

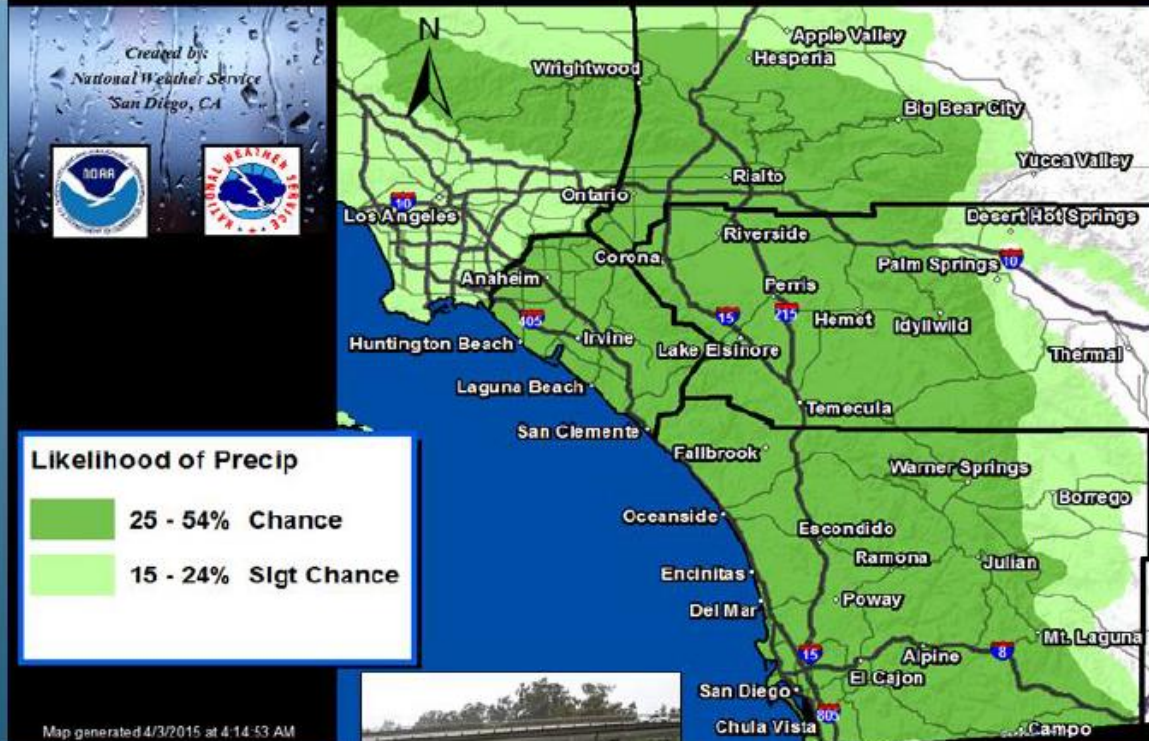
Rain May Return To SoCal Early Next Week!

DETAILS

- ✓ Best chance for rain and mountain snow Tuesday evening into Wednesday morning
- ✓ While a welcome forecast, our confidence is only moderate at this time
- ✓ Strong winds also possible in the mountains and deserts
- ✓ Get your rain gauge ready!



Likelihood of Precipitation for Tuesday Morning Through Wednesday Afternoon



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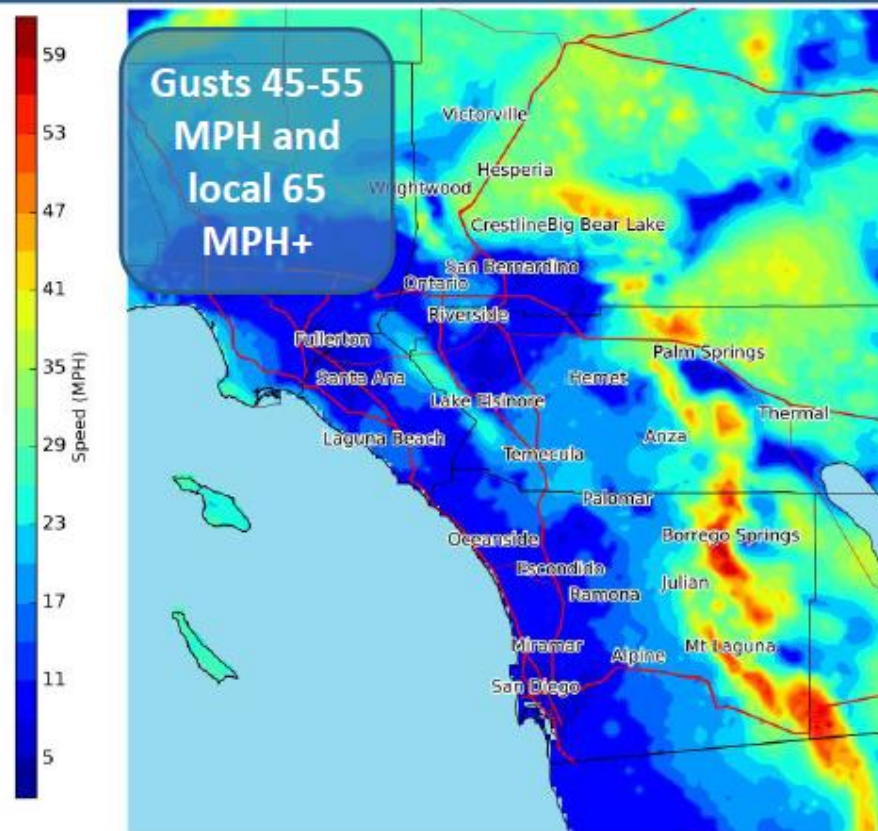
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Southern Region



Periods of Strong Winds in Mountains and Deserts

Forecast Max Wind Gusts for Sun Afternoon – Mon Morning



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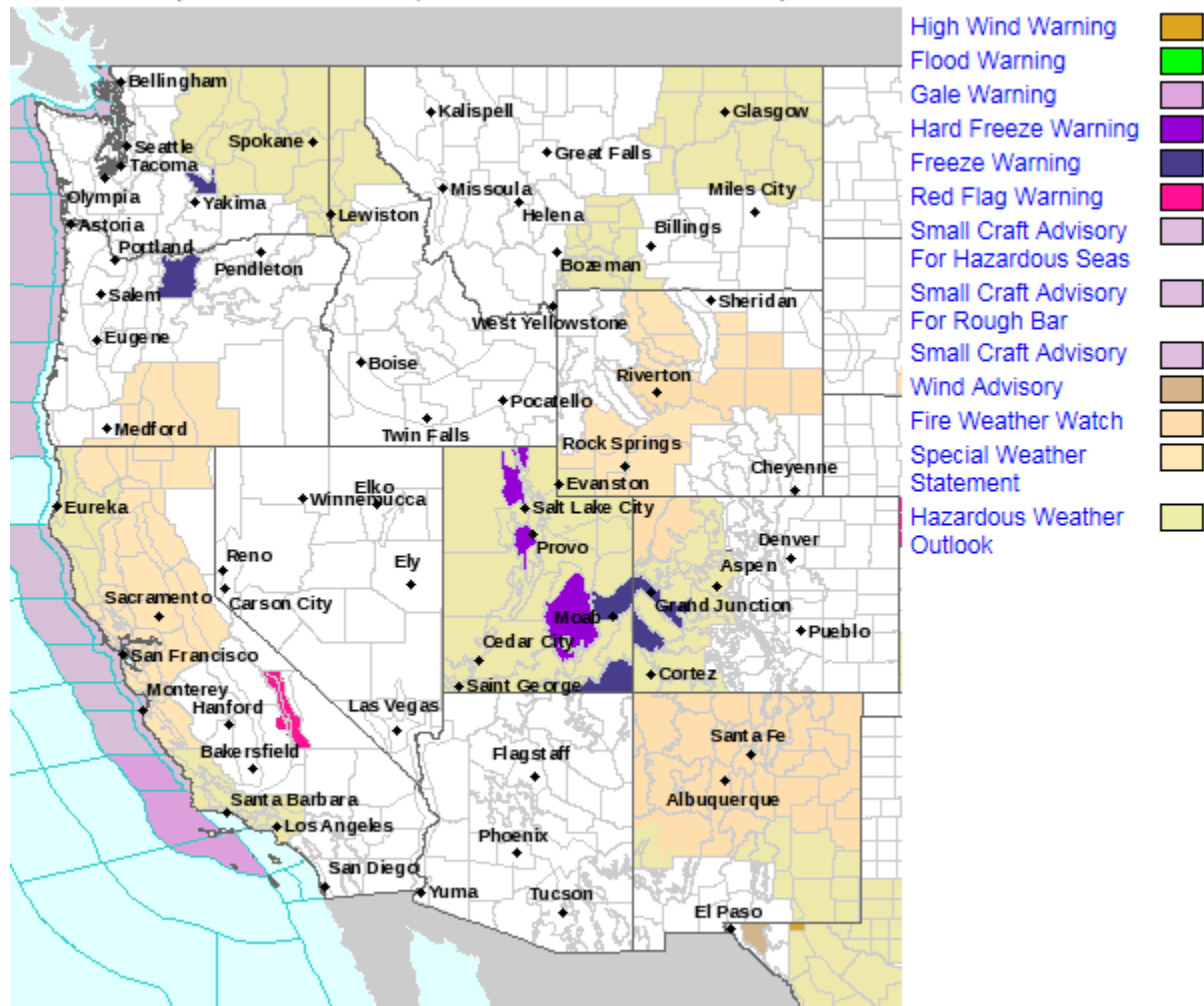
WEATHER

Southern Region

Weather Hazard	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday
Rainfall				Chance for Showers in the Evening over and West of Mountains	Chance for Showers mainly in the Morning over and West of Mountains	
Snowfall				Snow showers possible above 6000 feet in the evening	Snow showers possible above 5000 feet in the morning	
Wind	Increasing wind for the ridges, passes, desert slopes and deserts	Strong winds for ridges, passes, desert slopes and deserts	Locally Strong winds for ridges, passes, desert slopes and deserts	Strong winds for ridges, passes, desert slopes and deserts	Winds decreasing during the day	
Marine Weather	Increasing winds in the evening for outer waters	20-25 KT wind gusts and choppy seas	20-25 KT wind gusts and choppy seas	25 KT winds and choppy seas	Winds and seas improving during the day	
Scale for IMPACT	None	Moderate for Wind	Moderate for Wind	Moderate for Wind and possible Rain & Snow	Low for possible rain and snow	None



STATE WEATHER MAP



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FIRE ACTIVITY



Preparedness Levels

National Preparedness Level 1

Northern California

Preparedness Level 1, Multi-Agency Coordination System MACS Mode 1

Southern California

Preparedness Level 2, Multi-Agency Coordination System MACS Mode 2

California Fire Potential & Weather Maps

Southern California 7 Day Significant Fire Potential

<http://psgeodata.fs.fed.us/7day/action/forecast/8>

Northern California 7 Day Significant Fire Potential

<http://psgeodata.fs.fed.us/7day/action/forecast/10>

California Fire Weather Map Watches and Warnings

<http://www.wrh.noaa.gov/firewx/main.php>

NWS California River Forecast Center:

<http://www.cnrfc.noaa.gov/>

RECOVERY ACTIVITIES

Round Fire, Mono County

- Site sampling and hazardous materials recovery of the affected properties began 03/14/15. Cal Recycle began debris removal operations 03/23/15.
- An Applicant's Briefing will be held on 04/03/15 at 1300 hours, at the Lee Vining Community Center, to discuss the eligibility and guidelines of the CDAA program.

CAL OES 2014 DROUGHT

Cal EOC Incident – 2014 Drought

- The SOC, Inland, Coastal, and Southern REOCs and the Santa Barbara County EOC are activated in support of the Drought State of Emergency and continue to monitor the situation.
- The Governor issued an Executive Order on 09/19/14, to streamline relief efforts for families with drinking water shortages due to drought. Specifically, through the California Disaster Assistance Act, to provide temporary water supplies to households without water for drinking and/or sanitation purposes.
- CDAA 2014 Drought Fact Sheet and Frequently Asked Questions provided to Regions for reference and distribution.
- Cal OES Recovery continues to coordinate a monthly state interagency conference call regarding drought community impacts.
- Cal OES Regional (Inland, Coastal, Southern) conference calls continue to occur on a bi-weekly basis.

CAL OES MISSIONS

New Cal OES Missions

- **2015-LAW-9408 4/2/15, 1600 hours**, Yuba County SO is requesting an HRD K-9 to search a small area for the remains of a person missing since January, 2015. An informant provided detailed information that the MP is buried in a shallow grave near a levee in an area listed as LES due to the ongoing investigation. The Cal OES Law Branch will coordinate the response.

Ongoing Cal OES Missions

- **2015-LAW-9350, 03/31/15, 2021 hours**, Lake County Sheriffs Department (LCSD) is requesting side scan sonar team to locate a subject presumed drowned. Cal OES Law Enforcement Branch is coordinating the resources. **Update: 4/1/15, 1630 hours**. LCSD advised the Santa Clara SO team captured several images on the side scan sonar which will be investigated further Thursday by the LCSD dive team. An additional request for a water certified Human Remains Detection canine was coordinated by the Cal OES Law Enforcement branch for a response on Thursday morning. **Update: 4/1, 2100 hours**, Cal OES K-9 coordinator confirmed he had secured 1 K-9 for the AM and 2 backup K-9's for the PM and/or Friday. Cal OES Law Branch directed the side scan images captured by Santa Clara SO to Mr. Gene Ralston, who was teaching a side scan class in Butte County and advised there is sufficient reason to investigate this image more closely. This information was relayed to both Santa Clara SO and Lake SO.
- **2015-LAW-9018, 03/30/15, 1600 hours, (Reopened)** Solano County Sheriff's Department (SCSD) is requesting resources to locate the remains of a cold case missing person from several years ago. SCSD is requesting 2 Cadaver search dog teams. Cal OES Law Enforcement Branch is coordinating the search dog response. This search will take place on Wednesday, 4/01/15 at 0800 hours.



Mission:

We protect lives and property, build capabilities, and support our communities for a resilient California.

We achieve our mission by serving the public through effective collaboration in preparing for, protecting against, responding to, recovering from, and mitigating the impacts of all hazards and threats.